

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

### WHAT IS CLAIMED IS:

1. (currently amended) A flexographic ink comprising ~~a hydrophobic-biodegradable polymer~~ polyhydroxyalkanoate (PHA), a binder being a triblock amphiphilic molecule, a solvent and a dye or a pigment in an amount effective to provide a visible mark on a substrate, wherein ~~said binder is a biodegradable-amphiphilic compound, and the PHA hydrophobic-biodegradable polymer is at a concentration between about 20 to 80% (w/v), said binder is at concentration between about 0.5 to 20% (w/v), said solvent is at concentration between about 1 to 25%(v/v), and said dye or pigment is at concentration between about 1 to 40% (w/v).~~
2. (cancelled)
3. (cancelled).
4. (cancelled)
5. (original) The flexographic ink of claim 1, wherein said dye or pigment is biodegradable.
6. (original) The flexographic ink of claim 1, wherein said solvent is water or an organic solvent.
7. (cancelled)
8. (cancelled)
9. (previously amended) The flexographic ink of claim 6, wherein said organic solvent is a hydrophilic organic solvent or an alcohol.
10. (previously amended) The flexographic ink of claim 1, wherein said dye is a water-soluble dye.

11. (previously amended) The flexographic ink of claim 1, wherein said dye is a basic or acid dye.
12. (original) The flexographic ink according to claim 1, which also comprises at least one softening agent, thickening agent, surfactant, dispersing agent or mixtures thereof.
13. (original) A composition comprising a flexographic ink as claimed in claim 1.
14. (cancelled)
15. (cancelled)
16. (currently amended) The flexographic ink of claim 17, wherein said binder is at concentration between about 0.5 to 15% (w/v).
17. (previously presented) The flexographic ink of claim 16, wherein said binder is at concentration between about 1 to 10% (w/v).
18. (New) The flexographic ink of claim 1, wherein said binder is an amphiphilic molecule consisting of two hydrophobic moiety and one hydrophilic moiety.
19. (New) The flexographic ink of claim 18, wherein said binder is polyethylene glycol distearate.